

Application No. 10/821,475  
Response to Office Action

Customer No. 01933

Listing of Claims:

Claims 1-9 (Canceled).

10. (New) An oil seal for being provided on an outer circumference of a rotary shaft for sealing a first liquid and a second liquid, said oil seal comprising:

5 a ring which is fixed on the outer circumference of the rotary shaft and which includes a flange projecting outward from the rotary shaft substantially along a radial direction of the rotary shaft;

10 a first seal which includes at least a first portion which is bent with respect to an axial direction of the rotary shaft to abut against the flange so as to seal a side on which the first liquid is provided;

a second seal which includes at least a first portion which is bent with respect to the radial direction of the rotary shaft to seal a side on which the second liquid is provided; and

15 at least one communication hole in at least one of the first seal and the second seal, said at least one communication hole communicating between an inside and an outside of a space surrounded by the first seal, the second seal and the ring.

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11. (New) The oil seal according to claim 10, wherein the second seal is made of fluorocarbon resin.

12. (New) The oil seal according to claim 11, wherein the second seal is plate-shaped, and the fluorocarbon resin is Polytetrafluoroethylene.

13. (New) The oil seal according to claim 10, wherein the first seal is made of fluorocarbon resin.

14. (New) The oil seal according to claim 10, wherein said at least one communication hole is formed in a lower side of the oil seal in a gravitation direction relative to a center of the rotary shaft.

15. (New) The oil seal according to claim 11, wherein said at least one communication hole is formed in a lower side of the oil seal in a gravitation direction relative to a center of the rotary shaft.

16. (New) The oil seal according to claim 12, wherein said at least one communication hole is formed in a lower side of the oil seal in a gravitation direction relative to a center of the rotary shaft.

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17. (New) The oil seal according to claim 13, wherein said at least one communication hole is formed in a lower side of the oil seal in a gravitation direction relative to a center of the rotary shaft.

18. (New) The oil seal according to claim 10, wherein:

the rotary shaft comprises a crank shaft;

the side on which the first liquid is provided is a side of an engine to which the crank shaft is connected; and

5 the side on which the second liquid is provided is a side of a flywheel attached to the crank shaft.

19. (New) The oil seal according to claim 11, wherein:

the rotary shaft comprises a crank shaft;

the side on which the first liquid is provided is a side of an engine to which the crank shaft is connected; and

5 the side on which the second liquid is provided is a side of a flywheel attached to the crank shaft.

20. (New) The oil seal according to claim 12, wherein:

the rotary shaft comprises a crank shaft;

the side on which the first liquid is provided is a side of an engine to which the crank shaft is connected; and

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5 the side on which the second liquid is provided is a side of  
a flywheel attached to the crank shaft.

21. (New) The oil seal according to claim 13, wherein:  
the rotary shaft comprises a crank shaft;  
the side on which the first liquid is provided is a side of  
an engine to which the crank shaft is connected; and  
5 the side on which the second liquid is provided is a side of  
a flywheel attached to the crank shaft.

22. (New) The oil seal according to claim 14, wherein:  
the rotary shaft comprises a crank shaft;  
the side on which the first liquid is provided is a side of  
an engine to which the crank shaft is connected; and  
5 the side on which the second liquid is provided is a side of  
a flywheel attached to the crank shaft.

23. (New) The oil seal according to claim 15, wherein:  
the rotary shaft comprises a crank shaft;  
the side on which the first liquid is provided is a side of  
an engine to which the crank shaft is connected; and  
5 the side on which the second liquid is provided is a side of  
a flywheel attached to the crank shaft.

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24. (New) The oil seal according to claim 16, wherein:  
the rotary shaft comprises a crank shaft;  
the side on which the first liquid is provided is a side of  
an engine to which the crank shaft is connected; and  
5 the side on which the second liquid is provided is a side of  
a flywheel attached to the crank shaft.

25. (New) The oil seal according to claim 17, wherein:  
the rotary shaft comprises a crank shaft;  
the side on which the first liquid is provided is a side of  
an engine to which the crank shaft is connected; and  
5 the side on which the second liquid is provided is a side of  
a flywheel attached to the crank shaft.